Use Attainability Analysis

for

WBID 3168 Dougar Branch

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

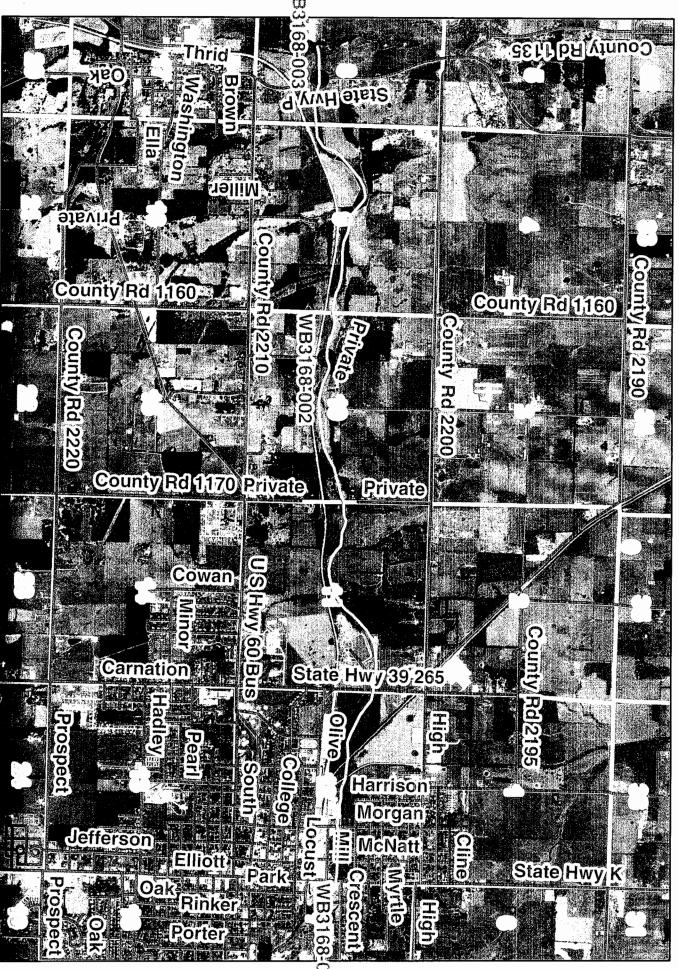
2005 JUL 14 PM 3: 05

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Douger Branch
8-digit HUC: 11070207
Missouri WBID #: 3168
County: Lawrence
Upstream Legal Description: Sec. 12. T. 26 N. R. 26 W
Downstream Legal Description: Sec. 8 T. 26N, R. 26W
Upstream Coordinates: E: 436024 N: 4092620
Downstream Coordinates: E : 429230, N: 4092417
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Gene Campbell & Teff Woodward 417888-4028
Organization: MDNR
Position: Sail Scientist

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:	ine am	stell	Date:	7/6/05	



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Douger D

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

A CLASSIC CONTRACTOR OF THE CO			Site Location D	nogription:	
Missouri WBID#: 310	100-8				
Site GPS Coordinates: £	:436024 N:	4092620	Windsor Street		
Date & Time: 6/28	7/05 '	9:35	Facility Name:		
Personnel: Campb	114Woods	varel	Permit Number:		
Current Weather Condition	ons: Sunny. b	lattory	.Weather Condit	ions for Past 7 days: 110+	4017
Current Weather Condition Photo Ids: Upstream:	3/13/68-01 Dow	nstream: ///3/	03168-01 Othe		
	<u> </u>	0413	D. 31 D. 1		
Uses Observed*:				,	
Swimming	Skin diving	□ scu	JBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	☐ Wading	Rafting
Hunting	☐ Trapping	☐ Fish	ing	None of the above	Other:
Describe: (include numbe	r of individuals recr	eating, freque	ncy of use, photo-	documentation of evidence	of recreational uses, etc.)
Surrounding Condition	s*: (Mark all that m	romote or imp	ede recreational u	ses. Attach photos of evider	ice or umisual
tems of interest.)	, (1.1mm)	oniow or map		been remain photos of critical	100 01 minouni
☐ City/county parks	Playgrounds	MDC con	servation lands	Urban areas	Campgrounds
☐ Boating accesses	State parks	☐ National f	orests	☐ Nature trails	Stairs/walkway
☐ No trespass sign	Fence	Steep slop	es	Other:	
Ev <u>idence of Human Use</u>	*:				
Roads	☐ Foot paths/print	ts Do	ock/platform	☐ Livestock Watering	RV / ATV Tracks
☐ Rope swings	Camping Sites	☐ Fir	e pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other: N/A					
/					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

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Stream Morpholog						
Upstream View Riffle Width	•	ensions: Length (ft):	Avg. Depth (Tr):	Max. Depth (ft):	
Run Width		Length (ft): 20	Avg. Depth (1.12	Max. Depth (ft):	
Pool Width	·-··-	Length (ft):	Avg. Depth (-/. 1	Max. Depth (ft):	
Flow Presen] No	Estimated (ft	_		
Downstream Vi	ny Physical D	imancione				
Riffle Width	•	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):	
Run Width		Length (ft):	Avg. Depth (Max. Depth (ft):	
	(ft): 20	Length (ft): 5	\(\sigma\) Avg. Depth (Max. Depth (ft):	
//		No	Estimated (ft			
Substrate*: (These			% Sand 5	∕ % Silt	% Mud/Clay	% Bedrock
20 % Cobble	20 700	14761	70 Saliu	() /0 Silt	76 Mud/Clay	70 Dedroci
Aquatic Vegetation	1*: (note amount	of yegetation or alg	al growth at the asse	ssment site)		
Waterco	e55, (a	Hails,	Algae			
Water Characteris	tics*: (Mark all	that apply.)				
Odor:	Sewage	Musky	Chemical	None	Other:	
Color:	∑ Clear	Green	Gray	Milky	Other:	
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:	
Surface Deposit:	Oil	Scum	Foam	None	Other:	
Fish. This information is not	to be used solely nding of water co	for removal of a rea	creational use design	ation but rather a is not intended	to directly influence a	
l, the undersigned, latasheet is true ar	•	to the best of r	ny knowledge, tl	hat all inforn	nation reported on t	this UAA
Signed: <u>J</u>	e Camp	tell	Date:	716/05		_
Organization:	, v		Position	: Soil S	cientist	_

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Douger (2)

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 316	500-86		Site Location Des	scription:	- · · · ·				
Site GPS Coordinates: E'		1492	County	Rd 1/65					
Date & Time: 6/28	105'	9,50	Facility Name:						
Personnel: Camp De	11 & Woodw	avel	Permit Number:						
	Current Weather Conditions: Sunny, Hotoly Weather Conditions for Past 7 days: Hotoly								
Photo Ids: Upstream: WB	13/68-02 Downs	tream:WB0							
	a, <u>O1-0 0</u>	V1-V1-	12,000 000						
Uses Observed*:				-	·-				
Swimming	Skin diving	☐ SCU	BA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	Kayaking	Boat	ing	☐ Wading	Rafting				
Hunting	☐ Trapping	☐ Fish	ing	None of the above	Other:				
Describe: (include number	of individuals recrea	ting, frequer	ncy of use, photo-d	ocumentation of evidence	of recreational uses, etc.)				
				·					
Surrounding Conditions	*• (Mark all that prov	note or imp	ede recreational us	es. Attach photos of exiden	oce or unucual				
items of interest.)	. (wank an mai proi	note or mip	cae recreational us	es. Attach photos of eviden	ice of infustrat				
City/county parks	Playgrounds] MDC cons	servation lands	Urban arcas	☐ Campgrounds				
Boating accesses	State parks] National fo	orests	☐ Nature trails	Stairs/walkway				
No trespass sign	☐ Fence	Steep slop	es	Other:					
	•								
Evidence of Human Use*									
Roads	Foot paths/prints		ck/platform	Livestock Watering	RV / ATV Tracks				
Rope swings	Camping Sites	Fir	e pit/ring	NPDES Discharge	Fishing Tackle				
Other: NA					·····				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

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Stream Morp Upstream	hology: View Physical I	dimensions:				
<u> </u>	Width (ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):	
☐ Run	Width (ft):	Length (ft):	Avg. Depth ((fi):	Max. Depth (ft):	
Pool	Width (ft): 10	Length (ft):	Avg. Depth ((A): 3(1	Max. Depth (ft):	
Flow	Present? Yes	□ No	Estimated (ft	3/sec):		
Downstrea	m View Physic	al Dimensions:				
	Width (ft):	Length (ft):	Avg. Depth ([ft):	Max. Depth (ft):	
Run	Width (ft):	Length (ft):	Avg, Depth ((ft):	Max. Depth (ft):	
Pool	Width (ft):	Length (ft):	Avg. Depth ((ft): 3 L	Max. Depth (ft):	
Flow	Present? Yes	□ No	Estimated (ft	³ /sec):		
Aguatic Vege	These values shoul Cobble 76	% GraveI	% Sand 2.0	% Silt ssment site)	% Mud/Clay	% Bedrock
	cteristics*: (Mar		<u></u>			
Odor:	☐ Sewage		Chemical	None	Other:	
Color:	☐ Clear	Green	Gray	Milky	Other: \3\	UW M
Bottom Dep		Solids	Fine sediments	None	Other:	•
Surface Dep	osit: Oil	☐ Scum	Foam	None	Other:	
FIS This information comprehensive u	n is not to be used s	olely for removal of a er conditions. Conseq	including informati recreational use design quently, this information nditions that need furth	ation but rather n is not intende	is to provide a more d to directly influence	
	gned, hereby at		f my knowledge, ti	hat all infor	mation reported o	n this UAA
Signed:	m Can	pull	Date:	7/6/05		
Organization:_	MONR		Position	: <u>Soil =</u>	barntist	

3168_002 DS







Douger B

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

			lov v · · · ·	* .*				
Missouri WBID #: 3	168-003		Site Location Des	scription:				
Site GPS Coordinates: £	1429230 N.140	92417	HWY 1-)				
Date & Time: 6/28	105	10:00	Facility Name:					
Personnel: Cample	ell + Woodwa	ival	Permit Number:		***			
Current Weather Condition	Current Weather Conditions: Sunny, Hottory Weather Conditions for Past 7 days: Hottory							
Photo Ids: Upstream: Wi	3113/68-07 Downs	tream:///2/			1			
- <u> </u>	3000000	INC)	55768 05					
Uses Observed*:				,				
Swimming	Skin diving	SCU	JBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	Boa	ting	☐ Wading	Rafting			
☐ Hunting	Trapping	Fish	uing	None of the above	Other:			
Describe: (include numbe	er of individuals recrea	ting, freque	ncy of use, photo-d	locumentation of evidence	of recreational uses, etc.)			
Surrounding Condition	s*: (Mark all that pror	note or imp	ede recreational us	es. Attach photos of evider	ice or unusual			
items of interest.)								
☐ City/county parks	☐ Playgrounds ☐	MDC con	servation lands	Urban areas	☐ Campgrounds			
Boating accesses	State parks	National i	forests	☐ Nature trails	☐ Stairs/walkway			
☐ No trespass sign	Fence	Steep slop	oes	Other:				
				-	""			
Evidence of Human Use	*:							
Roads	☐ Foot paths/prints		ock/platform	Livestock Watering	RV / ATV Tracks			
☐ Rope swings	Camping Sites	☐ Fü	re pit/ring	☐ NPDES Discharge	Fishing Tackle			
Other: N/A								
		,						

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #3/68:003

	ream Mor Upstream			imensions:				
	Riffle	Width (ft)):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):	
	Run	Width (ft)):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):	
	☐ Pool	Width (ft)):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):	
	Flow	Present?	☐ Yeş	No.	Estimated (fi	³ /sec):		
	Downstre	am View	Physica	ıl Dimensions:				
	Riffle	Width (ft)	<u> </u>	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):	
	Run	Width (ft)):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):	
	Pool	Width (ft)	·):	Length (ft):	Avg. Depth ((ft);	Max. Depth (ft):	
	Flow	Present?	Yes	N₀	Estimated (fi	3/sec):	-	
Su				l add up to 100%.)				
	<u>5</u> %	6 Cobble	-95	% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
W	ater Char	acteristic	cs*: (Marl	k all that apply.)				
	Odor:		Sewage	Musky	☐ Chemical	None	Other:	
	Color:		Clear	Green	Gray	Milky	Other:	
:	Bottom De	posit:	Sludge	Solids	Fine sediments	☐ None	Other:	
i	Surface De	posit:	Oil	Seum Seum	Foam	☐ None	Other:	
*Th	nis information	on is not to understand	be used so	olely for removal of a er conditions. Conse	recreational use design	ation but rather	ed to directly influence a	
da	tasheet is t	rue and	accurate	e.	of my knowledge, tl	hat all infor	mation reported on	this UAA
Sig	med:	me	Camp	bell	Date:	7/4/05		
	ganization:				Position	: <u>Soils</u>	Scientist	



